2005 Current Fiscal Year Report: Exploration Transportation System Strategic Roadmap Committee

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1. Department or Agency	2. Fiscal Year
National Aeronautics and Space Administration	2005

3. Committee or Subcommittee	3b. GSA Committee No.
Exploration Transportation System Strategic Roadmap Committee	24625

4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
Yes	12/23/2004	12/23/2006	03/23/2006

8a. Was Terminated During FiscalYear?	8b. Specific Termination Authority	8c. Actual Term Date
Yes	NASA Administrator Letter to Congress, 4/28/05	05/22/2005

9. Agency Recommendation for Next FiscalYear	10a. Legislation Req to Terminate?	10b. Legislation Pending?
Terminate	No	Enacted

11. Establishment Authority Agency Authority

12. Specific Establishment Authority	13. Effective Date	14. Commitee Type	14c. Presidential?
NASA Administrator Letter to Congress, 12/23/04	12/23/2004	Ad hoc	No

15. Description of Committee Other Committee

16a. Total Number of Reports   1

16b. Report Date	Report Title
05/22/2005	Exploration Transportation System Strategic Roadmap Summary Report

Number of Committee Reports Listed: 1

17a. Open 2 **17b. Closed** 0 **17c. Partially Closed** 0 **Other Activities** 0 **17d. Total** 2

Meetings and Dates

Purpose	Start	End
The purpose of the first meeting was to define the task of developing the Exploration Transportation System Strategic Roadmap and generate the plans to accomplish the task. In addition, the meeting was used to present information on the Exploration Vision, the Agency, and the Space Transportation community that would implement the roadmap. A final goal was to begin defining the boundaries of the roadmap as well as any additional information the Committee members required for their deliberations.	02/03/2005 - 02/04/2005	

The purpose of the second meeting was review draft top-level and detailed roadmaps and update as necessary. In addition, a number of briefings were given as a result of requests made at the first Committee meeting, mostly involving the other Strategic Roadmap and Capability Roadmap Committees with areas that interface with the Exploration Transporation System.

04/18/2005 - 04/19/2005

Number of Committee Meetings Listed: 2

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	$0.00	$0.00
18a(2). Personnel Pmts to Federal Members	$122,603.00	$0.00
18a(3). Personnel Pmts to Federal Staff	$143,252.00	$0.00
18a(4). Personnel Pmts to Non-Member Consultants	$0.00	$0.00
18b(1). Travel and Per Diem to Non-Federal Members	$6,983.00	$0.00
18b(2). Travel and Per Diem to Federal Members	$0.00	$0.00
18b(3). Travel and Per Diem to Federal Staff	$3,017.00	$0.00
18b(4). Travel and Per Diem to Non-member Consultants	$0.00	$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	$78,875.00	$0.00
18d. Total	$354,730.00	$0.00
19. Federal Staff Support Years (FTE)	1.00	0.00

20a. How does the Committee accomplish its purpose?

The Committee drew upon on the expertise of its members and other sources to provide advice and recommendations to NASA on developing a new launch system and crew exploration vehicle to provide transportation to and beyond low Earth orbit. Any subcommittees and/or task forces to be established to conduct special studies were to report their findings and recommendations to the Committee.

20b. How does the Committee balance its membership?

Membership was selected to assure a balanced representation of expertise and points of view within the government, academia, and private industry.

20c. How frequent and relevant are the Committee Meetings?

Estimated Number of Meetings per Year - 4. Actual number of meetings - 2.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The Committee was needed to provide a broad range of views representative from across the aerospace community to support the creation of the NASA Integrated Strategic Architecture. Recommendations to be provided by the Committee were to help guide Agency program prioritization, budget formulation,facilities and human capital planning, and technology investment.

20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

21. Remarks

This Committee was terminated at the direction of the NASA Administrator.

Designated Federal Officer

Dana Gould

Committee Members	Start	End	Occupation	Member Designation
Bolden, Charles	01/06/2005	05/22/2005	TechTrans International, Inc.	Special Government Employee (SGE) Member
Campbell, John	01/06/2005	05/22/2005	NASA Goddard Space Flight Center, Wallops Flight Facility	Regular Government Employee (RGE) Member
Crawley, Edward	01/06/2005	05/22/2005	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Diamandis, Peter	01/06/2005	05/22/2005	X-Prize Foundation	Special Government Employee (SGE) Member
Freeman, Delma	01/06/2005	05/22/2005	NASA (retired)	Special Government Employee (SGE) Member
Harris, Wes	01/06/2005	05/22/2005	Massachusetts Institute of Technology	Special Government Employee (SGE) Member
Hudson, Sydney	01/06/2005	05/22/2005	Rolls Royce North America (retired)	Special Government Employee (SGE) Member
Jernigan, Tamara	01/06/2005	05/22/2005	Lawrence Livermore National Laboratory	Special Government Employee (SGE) Member
Kennedy, James	01/06/2005	05/22/2005	Director, NASA Kennedy Space Center	Regular Government Employee (RGE) Member
King, David	01/06/2005	05/22/2005	NASA Marshall Space Flight Center	Regular Government Employee (RGE) Member
Littles, Wayne	01/06/2005	05/22/2005	NASA (retired)	Special Government Employee (SGE) Member
Nikias, Chrysostomos	01/06/2005	05/22/2005	University of Southern California	Special Government Employee (SGE) Member
Poinatowski, Karen	01/06/2005	05/22/2005	NASA Space Operations Mission Directorate	Regular Government Employee (RGE) Member
Sieck, Robert	01/06/2005	05/22/2005	NASA (retired)	Special Government Employee (SGE) Member
Steidle, Craig	01/06/2005	05/22/2005	NASA Associate Administrator, Exploration Systems Mission Directorate	Regular Government Employee (RGE) Member

Number of Committee Members Listed: 15

Narrative Description

The Committee's Strategic Roadmap was to provide a framework for the development of the Agency's next Space Transportation System identifing milestones, options, and key decisions along with the timeframe for their resolution. The roadmap development process was to identify capabilities, facilities, human capital, and infrastructure required to develop and implement a space transportation system for the Agency's Exploration Mission.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	☐
Trust in government	✓
Major policy changes	☐
Advance in scientific research	✓
Effective grant making	☐
Improved service delivery	☐
Increased customer satisfaction	☐
Implementation of laws or regulatory requirements	☐
Other	☐

Outcome Comments

The Committee's Strategic Roadmap was to provide strategic guidance for developing a new Space Transportation System, a system that will be at the core of NASA's Exploration mission. The committee was drawn from leaders in industry, academia, as well as government (both internal and external to NASA), and thus provided an avenue of communication with the external community.

What are the cost savings associated with this committee?

Checked if Applies

None	☐
Unable to Determine	✓
Under $100,000	☐
$100,000 - $500,000	☐
$500,001 - $1,000,000	☐
$1,000,001 - $5,000,000	☐
$5,000,001 - $10,000,000	☐
Over $10,000,000	☐
Cost Savings Other	☐

Cost Savings Comments

These Committee was to provide guidance for the planning of a long-term program (30+ years); the cost savings is unclear.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

0

Number of Recommendations Comments

The Committee's was to prepare a final report that provided roadmap for the development of a new Space Transporation system which identified a number of key decisions and the timeframe in which they would be made. Since the Committee was terminated prior to completion of this effort, the NASA staff prepared a Summary Report document.

What is the approximate <u>Percentage</u> of these recommendations that have been or will be <u>Fully</u> implemented by the agency?

0%

% of Recommendations <u>Fully</u> Implemented Comments

The NASA prepared Summary Report contained a long range plan; implementation will take several decades to implement.

What is the approximate <u>Percentage</u> of these recommendations that have been or will be <u>Partially</u> implemented by the agency?

0%

% of Recommendations <u>Partially</u> Implemented Comments

A number of decisions pertaining to the space transportation system's launch vehicle for crew and cargo have been made.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☐   No ✔   Not Applicable ☐

Agency Feedback Comments

NA

What other actions has the agency taken as a result of the committee's advice or recommendation?

	Checked if Applies
Reorganized Priorities	☐
Reallocated resources	☐
Issued new regulation	☐
Proposed legislation	☐
Approved grants or other payments	☐
Other	☐

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

	Checked if Applies
Contact DFO	✓
Online Agency Web Site	☐
Online Committee Web Site	☐
Online GSA FACA Web Site	☐
Publications	☐
Other	☐

Access Comments

NA